



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MINNESOTA, Central and South Central

| | | | | | | | | | |
|---|----|--------------------|--|--|---|---|--|--|--|
| Kandiyohi County 2 NW Pennock | 09 | 1435CST | | | 0 | 0 | | | Thunderstorm Wind (EG61) Winds estimated at 70 MPH ripped off the roof of a turkey barn along Route 12. |
| Stearns County 6 S Brooten | 09 | 1435CST | | | 0 | 0 | | | Hail(0.75) |
| Stearns County 4 SE Paynesville | 09 | 1447CST | | | 0 | 0 | | | Hail(0.88) |
| Kandiyohi County Willmar | 09 | 1455CST | | | 0 | 0 | | | Thunderstorm Wind (MG64) A county official recorded a wind gust of 74 MPH on the north side of town. A woman driving on Gorton Ave. had her windows blown out. |
| Kandiyohi County 2 E Hawick | 09 | 1457CST | | | 0 | 0 | | | Hail(0.75) |
| Kandiyohi County 2 W Spicer | 09 | 1500CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) A garage under construction on 113th Ave. NE (Route 10) was damaged. The time was estimated. |
| Stearns County Paynesville | 09 | 1503CST | | | 0 | 0 | | | Hail(1.00) |
| Stearns County 2 S Paynesville | 09 | 1503CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) A pontoon boat was blown off its lift. |
| Meeker County 1 S Crow River | 09 | 1508CST | | | 0 | 0 | | | Hail(1.00) |
| Meeker County 5 SW Watkins | 09 | 1510CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) A fish house was blown over and rolled 50 feet. |
| Meeker County 2 W Eden Vly | 09 | 1513CST | | | 0 | 0 | | | Hail(0.75) Dime sized hail fell in Eden Valley. |
| Wright County 5 NE Annandale to 4 NE Annandale | 09 | 1514CST 1515CST | | | 0 | 0 | | | Hail(1.50) Walnut sized hail was reported at Sugar Lake. |
| Stearns County 3 SE Paynesville | 09 | 1515CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) A 10 inch diameter tree was snapped in half. |
| Meeker County Grove City | 09 | 1518CST | | | 0 | 0 | | | Hail(0.75) |
| Meeker County 5 N Litchfield to Litchfield | 09 | 1520CST 1521CST | | | 0 | 0 | | | Hail(0.75) |
| Meeker County 5 NE Dassel | 09 | 1530CST | | | 0 | 0 | | | Hail(0.75) The time was estimated. |
| Meeker County Watkins | 09 | 1530CST | | | 0 | 0 | | | Hail(0.75) |
| Meeker County 2 SW Watkins to Watkins | 09 | 1530CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) Trees were downed and a pop-up trailer was opened and rolled in town. A shed 2 miles southwest of town was damaged. |



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MINNESOTA, Central and South Central

Meeker County

| | | | | | | | | | |
|-----------------|----|---------|--|--|---|---|--|--|---------------------------------|
| 5 SW Litchfield | 09 | 1533CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|-----------------|----|---------|--|--|---|---|--|--|---------------------------------|

Two turkey barns were slightly damaged along Route 23 near Long Lake.

Wright County

| | | | | | | | | | |
|--------|----|--------------------|--|--|---|---|--|--|-------------------|
| Cokato | 09 | 1543CST 1558CST | | | 0 | 0 | | | Hail(0.75) |
|--------|----|--------------------|--|--|---|---|--|--|-------------------|

Penny sized hail fell for 15 minutes.

Wright County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|--|--|---------------------------------|
| St Michael | 09 | 1550CST | | | 0 | 0 | | | Thunderstorm Wind (MG52) |
|------------|----|---------|--|--|---|---|--|--|---------------------------------|

An automated weather sensor recorded a wind gust of 60 MPH.

Mcleod County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|--|--|---------------------------------|
| Hutchinson | 09 | 1555CST | | | 0 | 0 | | | Thunderstorm Wind (MG59) |
|------------|----|---------|--|--|---|---|--|--|---------------------------------|

An automated weather sensor recorded a wind gust of 68 MPH. A tree was downed onto Jefferson Street SE.

Sherburne County

| | | | | | | | | | |
|-----------------------------|----|--------------------|---|----|---|---|--|--|---------------------|
| Big Lake to 1 E Big Lake | 09 | 1600CST 1605CST | 1 | 50 | 0 | 0 | | | Tornado (F0) |
|-----------------------------|----|--------------------|---|----|---|---|--|--|---------------------|



A resident took this picture of a strongly rotating wall cloud near Big Lake. A tornado dropped out of this wall cloud just east of town. (Source: <http://www.kstp.com>)

A tornado touched down near Preusse Lake just east of Big Lake Industrial Park. It sucked up water as it crossed the lake then after hitting land it downed trees near a home on 172nd Street. The twister crossed over 172nd Street then went into the Bruggeman residential development before dissipating. A home on Sundstrom Hill lost shingles and soffit and a flag pole was downed.

Wright County

| | | | | | | | | | |
|-----------------|----|---------|--|--|---|---|--|--|-------------------|
| 1 N Howard Lake | 09 | 1600CST | | | 0 | 0 | | | Hail(0.75) |
|-----------------|----|---------|--|--|---|---|--|--|-------------------|

Sherburne County

| | | | | | | | | | |
|-----------|----|---------|--|--|---|---|--|--|---------------------------------|
| Elk River | 09 | 1605CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|-----------|----|---------|--|--|---|---|--|--|---------------------------------|

A few trees and power lines were downed.

Mcleod County

| | | | | | | | | | |
|------------------|----|---------|--|--|---|---|--|--|---------------------------------|
| 4 NW Silver Lake | 09 | 1610CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|------------------|----|---------|--|--|---|---|--|--|---------------------------------|

Trees were downed onto Kale Avenue. The time was estimated.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MINNESOTA, Central and South Central

Anoka County

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Nowthen | 09 | 1615CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

A hoop greenhouse building and the trees and shrubs inside the structure were damaged at a nursery. The time was estimated.

Wright County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| South Haven | 09 | 1615CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Three trees were snapped.

Hennepin County

| | | | | | | | | | |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|---------------------------------|
| Countywide | 09 | 1621CST 1645CST | | | 0 | 0 | | | Thunderstorm Wind (EG56) |
|-------------------|-----------|----------------------------|--|--|----------|----------|--|--|---------------------------------|

Trees were downed in Plymouth, Orono, Independence, Crystal, St. Anthony, and Rogers. Sailboats were capsized and docks were damaged at Medicine Lake in Plymouth. A flat roof was peeled up on a building in Brooklyn Center. A tree fell through a roof in Crystal.

Hennepin County

| | | | | | | | | | |
|-------------------|-----------|----------------|------------|-----------|----------|----------|--|--|---------------------|
| Greenfield | 09 | 1621CST | 0.3 | 25 | 0 | 0 | | | Tornado (F1) |
|-------------------|-----------|----------------|------------|-----------|----------|----------|--|--|---------------------|

A house was damaged and an attached garage was destroyed along 76th Lane.

Carver County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| 3 W Cologne | 09 | 1627CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Heavy debris was reported in the air near the county maintenance building between Norwood and Cologne along Route 212.

Mcleod County

| | | | | | | | | | |
|-----------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| 5 S Hutchinson | 09 | 1627CST | | | 0 | 0 | | | Hail(1.00) |
|-----------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Anoka County

| | | | | | | | | | |
|---------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Ramsey | 09 | 1630CST | | | 0 | 0 | | | Thunderstorm Wind (EG55) |
|---------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Nine power poles along County Road 5 and 167th Ave. were snapped. The time was estimated.

Isanti County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| 3 S Isanti | 09 | 1630CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Power lines were downed.

Carver County

| | | | | | | | | | |
|-----------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| 3 S Chanhassen | 09 | 1635CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
|-----------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

Trees were downed at the intersection of routes 212 and 101. The time was estimated.

Hennepin County

| | | | | | | | | | |
|-----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| New Hope | 09 | 1635CST | | | 0 | 0 | | | Thunderstorm Wind (MG52) |
|-----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

An automated weather sensor recorded a wind gust of 60 MPH.

Mcleod County

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Glencoe | 09 | 1635CST | | | 0 | 0 | | | Hail(0.75) |
|----------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Hennepin County

| | | | | | | | | | |
|------------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| Brooklyn Center | 09 | 1640CST | | | 0 | 0 | | | Hail(0.75) |
|------------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|

Hennepin County

| | | | | | | | | | |
|--|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| 1 NE Minneapolis to Minneapolis | 09 | 1640CST 1642CST | | | 0 | 0 | | | Hail(0.75) |
|--|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|

Penny sized hail fell in St. Anthony and at Lake Nokomis.

Hennepin County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Minneapolis | 09 | 1640CST | | | 0 | 0 | | | Thunderstorm Wind (MG57) |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

A wind gust of 66 MPH was recorded by an automated weather sensor. Trees were downed at the intersection of Portland and 5th avenues and on a house in the northeast portion of town.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MINNESOTA, Central and South Central

Mcleod County

| | | | | | | | | | |
|-------------------------------|----|---------|--|--|---|---|--|--|------------|
| 8 W Glencoe to 3 W Glencoe | 09 | 1640CST | | | 0 | 0 | | | Hail(0.75) |
|-------------------------------|----|---------|--|--|---|---|--|--|------------|

Penny sized hail fell in Sumter and at Lake Marion. The time was estimated.

Ramsey County

| | | | | | | | | | |
|---------|----|---------|--|--|---|---|--|--|------------|
| St Paul | 09 | 1645CST | | | 0 | 0 | | | Hail(0.88) |
|---------|----|---------|--|--|---|---|--|--|------------|

Ramsey County

| | | | | | | | | | |
|---------|----|--------------------|--|--|---|---|------|--|--------------------------|
| St Paul | 09 | 1645CST 1700CST | | | 0 | 0 | 330K | | Thunderstorm Wind (MG63) |
|---------|----|--------------------|--|--|---|---|------|--|--------------------------|

A wind gust of 72 MPH was recorded by an automated sensor at Holman Field at 6:00 PM CDT. Numerous trees and power lines were downed from St. Anthony Park to the State Fairgrounds to the State Capitol including the southern portion of Como Park and the Midway area. A handful of buildings and signs at the fairgrounds were damaged. Four homes, a large porch, a fence, and a car near Como Park were significantly damaged by felled trees. In downtown about 60 windows were broken on buildings and skyways and a large billboard was downed onto power lines. Two of four clock faces were damaged on top of Landmark Center. The high winds also caused two barges to break loose on the Mississippi River and bump into the Robert Street Bridge.

Anoka County

| | | | | | | | | | |
|--------|----|---------|--|--|---|---|--|--|------------|
| Blaine | 09 | 1650CST | | | 0 | 0 | | | Hail(0.88) |
|--------|----|---------|--|--|---|---|--|--|------------|

Ramsey County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|------------|
| New Brighton | 09 | 1650CST | | | 0 | 0 | | | Hail(0.75) |
|--------------|----|---------|--|--|---|---|--|--|------------|

Washington County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|--|--|--------------------------|
| Forest Lake | 09 | 1650CST | | | 0 | 0 | | | Thunderstorm Wind (MG52) |
|-------------|----|---------|--|--|---|---|--|--|--------------------------|

An automated weather sensor recorded a wind gust of 60 MPH. The time was estimated.

Mcleod County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|------------|
| Brownton | 09 | 1654CST | | | 0 | 0 | | | Hail(0.75) |
|----------|----|---------|--|--|---|---|--|--|------------|

Carver County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|------------|
| Victoria | 09 | 1659CST | | | 0 | 0 | | | Hail(0.75) |
|----------|----|---------|--|--|---|---|--|--|------------|

Dime sized hail fell at Deer Run Golf Course.

Washington County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|------------|
| Woodbury | 09 | 1659CST | | | 0 | 0 | | | Hail(0.75) |
|----------|----|---------|--|--|---|---|--|--|------------|

Ramsey County

| | | | | | | | | | |
|----------------|----|---------|--|--|---|---|--|--|------------|
| 1 NE Maplewood | 09 | 1702CST | | | 0 | 0 | | | Hail(0.75) |
|----------------|----|---------|--|--|---|---|--|--|------------|

Penny sized hail was reported at the intersection of routes 36 and 120.

Chisago County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|--|--|--------------------------|
| 2 N Shafer | 09 | 1703CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|------------|----|---------|--|--|---|---|--|--|--------------------------|

Six inch diameter trees were downed.

Sibley County

| | | | | | | | | | |
|-----------------|----|---------|--|--|---|---|--|--|------------|
| 4 NE New Auburn | 09 | 1707CST | | | 0 | 0 | | | Hail(0.75) |
|-----------------|----|---------|--|--|---|---|--|--|------------|

Sibley County

| | | | | | | | | | |
|----------------|----|---------|--|--|---|---|--|--|------------|
| 3 N Green Isle | 09 | 1708CST | | | 0 | 0 | | | Hail(0.75) |
|----------------|----|---------|--|--|---|---|--|--|------------|

Ramsey County

| | | | | | | | | | |
|---------------|----|---------|--|--|---|---|--|--|------------|
| North St Paul | 09 | 1715CST | | | 0 | 0 | | | Hail(1.00) |
|---------------|----|---------|--|--|---|---|--|--|------------|

Scott County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|--------------------------|
| Shakopee | 09 | 1715CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|----------|----|---------|--|--|---|---|--|--|--------------------------|

Large branches were downed.

Scott County

| | | | | | | | | | |
|-----------------|----|---------|--|--|---|---|--|--|------------|
| 2 SW Prior Lake | 09 | 1719CST | | | 0 | 0 | | | Hail(1.00) |
|-----------------|----|---------|--|--|---|---|--|--|------------|



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MINNESOTA, Central and South Central

Blue Earth County

| | | | | | | | | | |
|----------------|----|--------------------|--|--|---|---|--|--|------------|
| 2 E Eagle Lake | 09 | 2024CST 2028CST | | | 0 | 0 | | | Hail(1.00) |
|----------------|----|--------------------|--|--|---|---|--|--|------------|

Penny to quarter sized hail fell near Madison Lake.

Rice County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|--|--|------------|
| Morristown | 09 | 2035CST | | | 0 | 0 | | | Hail(1.00) |
|------------|----|---------|--|--|---|---|--|--|------------|

Goodhue County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|------------|
| 4 N Zumbrota | 09 | 2045CST | | | 0 | 0 | | | Hail(0.75) |
|--------------|----|---------|--|--|---|---|--|--|------------|

Goodhue County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|------------|
| 3 W Zumbrota | 09 | 2057CST | | | 0 | 0 | | | Hail(0.75) |
|--------------|----|---------|--|--|---|---|--|--|------------|

Freeborn County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|--|--|------------|
| Albert Lea | 09 | 2211CST | | | 0 | 0 | | | Hail(0.75) |
|------------|----|---------|--|--|---|---|--|--|------------|

Douglas County

| | | | | | | | | | |
|---------|----|---------|--|--|---|---|--|--|------------|
| Brandon | 16 | 1126CST | | | 0 | 0 | | | Hail(0.75) |
|---------|----|---------|--|--|---|---|--|--|------------|

Redwood County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|--------------------------|
| Walnut Grove | 16 | 1855CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|--------------|----|---------|--|--|---|---|--|--|--------------------------|

Six inch diameter branches were downed.

Watonwan County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|--|--|------------|
| 2 E Madelia | 19 | 1640CST | | | 0 | 0 | | | Hail(0.75) |
|-------------|----|---------|--|--|---|---|--|--|------------|

Watonwan County

| | | | | | | | | | |
|--------------|----|---------|--|--|---|---|--|--|------------|
| 2 W St James | 19 | 1640CST | | | 0 | 0 | | | Hail(0.75) |
|--------------|----|---------|--|--|---|---|--|--|------------|

Blue Earth County

| | | | | | | | | | |
|------------------|----|---------|--|--|---|---|--|--|------------|
| 6 W Lake Crystal | 19 | 1645CST | | | 0 | 0 | | | Hail(1.00) |
|------------------|----|---------|--|--|---|---|--|--|------------|

Quarter sized hail whitened the ground and removed leaves from the trees.

Nicollet County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|------------|
| St Peter | 19 | 1702CST | | | 0 | 0 | | | Hail(0.88) |
|----------|----|---------|--|--|---|---|--|--|------------|

Le Sueur County

| | | | | | | | | | |
|---------------|----|--------------------|--|--|---|---|--|--|------------|
| 4 W Cleveland | 19 | 1705CST 1707CST | | | 0 | 0 | | | Hail(1.75) |
|---------------|----|--------------------|--|--|---|---|--|--|------------|

Nickel sized hail fell west of Cleveland. Golf ball sized hail was reported in the western portion of Le Sueur Count.

Martin County

| | | | | | | | | | |
|------------|----|---------|--|--|---|---|--|--|------------|
| Countywide | 21 | 0130CST | | | 0 | 0 | | | Hail(1.00) |
|------------|----|---------|--|--|---|---|--|--|------------|

Dime to quarter sized hail was reported in scattered locations. The time was estimated.

Martin County

| | | | | | | | | | |
|----------|----|--------------------|--|--|---|---|--|--|------------|
| Fairmont | 21 | 1755CST 1801CST | | | 0 | 0 | | | Hail(1.00) |
|----------|----|--------------------|--|--|---|---|--|--|------------|

Freeborn County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|------------|
| Freeborn | 21 | 2048CST | | | 0 | 0 | | | Hail(0.75) |
|----------|----|---------|--|--|---|---|--|--|------------|

Freeborn County

| | | | | | | | | | |
|-------|----|---------|--|--|---|---|--|--|------------|
| Alden | 21 | 2050CST | | | 0 | 0 | | | Hail(0.75) |
|-------|----|---------|--|--|---|---|--|--|------------|

Morrison County

| | | | | | | | | | |
|----------|----|---------|--|--|---|---|--|--|------------|
| Royalton | 26 | 1648CST | | | 0 | 0 | | | Hail(0.75) |
|----------|----|---------|--|--|---|---|--|--|------------|

Morrison County

| | | | | | | | | | |
|-------------|----|---------|--|--|---|---|--|--|------------|
| 4 S Buckman | 26 | 1720CST | | | 0 | 0 | | | Hail(0.75) |
|-------------|----|---------|--|--|---|---|--|--|------------|

Sherburne County

| | | | | | | | | | |
|--------|----|---------|--|--|---|---|--|--|------------|
| Becker | 26 | 1800CST | | | 0 | 0 | | | Hail(0.75) |
|--------|----|---------|--|--|---|---|--|--|------------|

Faribault County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|------------|
| Blue Earth | 29 | 0000CST 0230CST | | | 0 | 0 | | | Heavy Rain |
|------------|----|--------------------|--|--|---|---|--|--|------------|

A spotter reported 3.25 inches of rain.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MINNESOTA, Central and South Central

Martin County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Countywide | 29 | 0015CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

A few trees were downed onto power lines. The time was estimated.

Martin County

| | | | | | | | | | |
|---------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
| Truman | 29 | 0100CST 0400CST | | | 0 | 0 | | | Flash Flood |
|---------------|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

Thunderstorms dropped 2.0 to 4.5 inches of rain across the county with the highest amounts reported across the north. In Truman numerous streets, basements, and low lying areas were flooded.

Redwood County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|--------------------|
| Countywide | 29 | 2300CST | | | 0 | 0 | | | Flash Flood |
|-------------------|-----------|----------------|--|--|----------|----------|--|--|--------------------|

30 0330CST

Renville County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-------------|--|--------------------|
| Countywide | 29 | 2300CST | | | 0 | 0 | 120K | | Flash Flood |
|-------------------|-----------|----------------|--|--|----------|----------|-------------|--|--------------------|

30 0330CST

Mcleod County

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|
| Glencoe | 30 | 0057CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
|----------------|-----------|----------------|--|--|----------|----------|--|--|---------------------------------|

A few large trees were downed onto a road.

MNZ065-073

Renville - Redwood

| | | | | | | | | | |
|--|-----------|----------------|--|--|----------|----------|--|--|--------------|
| | 30 | 0330CST | | | 0 | 0 | | | Flood |
|--|-----------|----------------|--|--|----------|----------|--|--|--------------|

31 2359CST

Several roads and waterways remained flooded through the afternoon of the 31st.

Heavy rain that fell between 10 PM CDT on the 29th and 3 AM on the 30th caused widespread flooding of roads, fields, and waterways across Redwood and southern Renville counties. In Renville County, portions of County Road 15 along the Minnesota River near between Franklin and Fairfax were severely eroded. A mudslide was reported on County Road 15 near Morton. Several other ditches and gravel roads were eroded across the southern portion of the county. Buffalo Creek nearly overflowed. Portions of county roads 4 and 20 were closed by high water. A total of 8 inches of rain was reported near Franklin. In Redwood County, significant flooding was reported in Redwood Falls, Wabasso, and Morgan. Eight county roads had to be closed after water flowed over them. In Redwood Falls the Minnesota River crested 2 feet above flood stage. The Redwood River, the Cottonwood River, and Ramsey Creek also ran high. Ramsey Park and the sway back bridge were closed by high water in addition to nearby County Road 31. Numerous basements were flooded across the city. In Morgan, many city residents reported flooded basements and nearby gravel roads were washed out. Farmers outside of town had to replant beans and corn after their fields flooded. The highest rainfall totals included 8 inches in New Avon Township, 7 inches in Wabasso, and 5 inches in Redwood Falls.

Sherburne County

| | | | | | | | | | |
|--|-----------|----------------------------|------------|-----------|----------|----------|--|--|---------------------|
| Clear Lake to 1 NE Clear Lake | 30 | 1435CST 1440CST | 0.5 | 30 | 0 | 0 | | | Tornado (F0) |
|--|-----------|----------------------------|------------|-----------|----------|----------|--|--|---------------------|

A weak tornado was reported by trained spotters just north of the intersection of Highway 10 and County Road 6. It dissipated northeast of town a short time later with little if any damage reported.

Morrison County

| | | | | | | | | | |
|----------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|
| 5 SE Royalton | 30 | 1700CST | | | 0 | 0 | | | Funnel Cloud |
|----------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|

Goodhue County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|
| 1 E Goodhue | 30 | 1808CST | | | 0 | 0 | | | Funnel Cloud |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|---------------------|

A funnel cloud was reported just east of Goodhue by the fire department. The funnel cloud touched down later about 6 miles east of Zumbrota.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MINNESOTA, Central and South Central

| | | | | | | | | | |
|---|----|--------------------|-----|----|---|---|--|--|--------------------------|
| Chisago County | | | | | | | | | |
| 5 WSW Rush City | 30 | 1828CST | | | 0 | 0 | | | Hail(0.88) |
| Chisago County | | | | | | | | | |
| 6 WSW Rush City to 2 W Harris | 30 | 1828CST 1830CST | | | 0 | 0 | | | Thunderstorm Wind (EG58) |
| A shed and numerous trees were downed. | | | | | | | | | |
| Chisago County | | | | | | | | | |
| 5 WSW Rush City | 30 | 1828CST 1829CST | 0.3 | 25 | 0 | 0 | | | Tornado (F0) |
| A weak tornado briefly touched down in an open field. | | | | | | | | | |
| Goodhue County | | | | | | | | | |
| 6 E Zumbrota | 30 | 1828CST 1829CST | 0.5 | 25 | 0 | 0 | | | Tornado (F0) |
| A tornado briefly touched down just west of Mazeppa. A few trees were downed and a fence was damaged before the tornado dissipated. | | | | | | | | | |
| Chisago County | | | | | | | | | |
| Harris | 30 | 1830CST | | | 0 | 0 | | | Hail(1.75) |
| Golf ball sized hail was reported in the northern portion of Chisago County. The time was estimated. | | | | | | | | | |

WISCONSIN, West

| | | | | | | | | | |
|--|----|---------|--|--|---|---|--|--|--------------------------|
| Polk County | | | | | | | | | |
| Luck | 08 | 0015CST | | | 0 | 0 | | | Hail(0.75) |
| Polk County | | | | | | | | | |
| Dresser | 09 | 1715CST | | | 0 | 0 | | | Hail(0.75) |
| St. Croix County | | | | | | | | | |
| 3 SE Hudson to 5 SE Hudson | 09 | 1715CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| A few trees were downed. | | | | | | | | | |
| St. Croix County | | | | | | | | | |
| New Richmond | 09 | 1716CST | | | 0 | 0 | | | Thunderstorm Wind (MG50) |
| An automated weather sensor recorded a wind gust of 58 MPH. | | | | | | | | | |
| Pierce County | | | | | | | | | |
| 6 S River Falls | 09 | 1750CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Downed trees blocked 630th Avenue near County Road E. | | | | | | | | | |
| Dunn County | | | | | | | | | |
| 7 SE Ridgeland | 09 | 1754CST | | | 0 | 0 | | | Hail(0.75) |
| Barron County | | | | | | | | | |
| 4 SE Dallas | 09 | 1800CST | | | 0 | 0 | | | Hail(0.75) |
| Dunn County | | | | | | | | | |
| Menomonie | 09 | 1800CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| Trees were downed in Menomonie and Otter Creek Township. The time was estimated. | | | | | | | | | |
| Pierce County | | | | | | | | | |
| 5 E Ellsworth | 09 | 1800CST | | | 0 | 0 | | | Hail(1.00) |
| Pierce County | | | | | | | | | |
| 10 S Ellsworth | 09 | 1800CST | | | 0 | 0 | | | Hail(1.00) |
| Barron County | | | | | | | | | |
| 4 SE Dallas | 09 | 1807CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| A few trees were downed. | | | | | | | | | |



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|--|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|---|
| <u>WISCONSIN, West</u> | | | | | | | | | |
| Pierce County 5 SW Ellsworth to Ellsworth | 09 | 1815CST | | | 0 | 0 | | | Hail(1.00) |
| Chippewa County 2 SW New Auburn to 1 E New Auburn | 09 | 1818CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | Trees were downed. |
| Chippewa County 6 ENE New Auburn | 09 | 1825CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | A few trees were downed. |
| Pierce County 2 W River Falls to 6 S River Falls | 09 | 1830CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | Downed trees blocked a road. |
| Pepin County Durand | 09 | 1855CST 1907CST | | | 0 | 0 | | | Hail(0.88) |
| | | | | | | | | | Penny to nickel sized hail was reported. |
| Rusk County 10 S Bruce | 09 | 1858CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | A large tree blocked a road. |
| Pepin County Durand | 09 | 1900CST | | | 0 | 0 | | | Thunderstorm Wind (EG52) |
| | | | | | | | | | A tree was downed onto County Road F southeast of Durand. The time was estimated. |
| Pepin County Pepin | 09 | 1907CST | | | 0 | 0 | | | Hail(0.75) |
| Eau Claire County Augusta | 09 | 1912CST | | | 0 | 0 | | | Hail(0.75) |
| Chippewa County Stanley | 12 | 1435CST | | | 0 | 0 | | | Thunderstorm Wind (EG55) |
| | | | | | | | | | A portion of a store's roof was blown off. |
| Pierce County 2 S River Falls | 30 | 1818CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | | | | | | | A large tree was downed. |